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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/763,269   | 01/26/2004  | Shigehisa Tanaka     | ASAM.0098           | 6471             |
| 7590   | 07/14/2005  |                      | EXAMINER            |                  |
| Stanley P. Fisher<br>Reed Smith LLP<br>Suite 1400<br>3110 Fairview Park Drive<br>Falls Church, VA 22042-4503 |             |                      | LOUIE, WAI SING     |                  |
|  |             |                      | ART UNIT            | PAPER NUMBER     |
|  |             |                      | 2814                |                  |
| DATE MAILED: 07/14/2005  |             |                      |                     |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

JP

|                          |                 |               |  |
|--------------------------|-----------------|---------------|--|
| <b>Interview Summary</b> | Application No. | Applicant(s)  |  |
|                          | 10/763,269      | TANAKA ET AL. |  |
|                          | Examiner        | Art Unit      |  |
|                          | Wai-Sing Louie  | 2814          |  |

All participants (applicant, applicant's representative, PTO personnel):

- (1) Wai-Sing Louie. (3) \_\_\_\_.
- (2) John C. Brosky. (4) \_\_\_\_.

Date of Interview: 13 July 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☒ Yes e) ☐ No.

If Yes, brief description: the interface layer has a wider bandgap than the absorption layer and how the interface layer secures to the multiplication layer.

Claim(s) discussed: 1.

Identification of prior art discussed: Pauchard et al. (US 6,384,462) and Clark (US 6,794,631).

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: \_\_\_\_\_.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required